

U.S. Patent Application No.: 10/564,361
Amendment Filed: October 28, 2008
Reply to Office Action dated: July 9, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A telephone ~~for displaying~~ comprising:
an acquiring unit operable to acquire a telephone number of a callee and region information relating to a locality of the callee;
a judging unit operable to judge whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;
a storage unit operable to store the telephone number, identification information identifying the callee of the telephone number, and the region information in association with each other, based on a user operation, if judged in the affirmative;
a calculating unit operable to calculate a local time of the locality shown by the ~~region~~ stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification is performed; and
a display unit operable to display the local time.

Claim 2 (Cancelled)

Claim 3 (Previously Presented): The telephone of claim 1, wherein

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the acquiring unit receives in an audible frequency band from a telephone of the callee a modulation signal representing the region information, and acquires the region information by decoding the received modulation signal.

Claim 4 (Previously Presented): The telephone of claim 1, wherein
the region information is transmitted from a telephone of the callee represented by an electronic mail, and

the acquiring unit acquires the region information by receiving from a telephone of the callee an electronic mail in which the region information is described.

Claim 5 (Previously Presented): The telephone of claim 1, wherein
the region information is recorded in a location register that manages a movement of the telephone of the callee in a telephone network, and

the acquiring unit acquires the region information by receiving the region information transmitted from the location register via the telephone network.

Claim 6 (Original): The telephone of claim 5, wherein
the acquiring unit acquires the region information as a reply to a callout to the telephone of the callee, and

the telephone further comprises:
a reception unit operable to receive a user operation after the display of the local time, the operation being one of approving and canceling a call; and

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an instructing unit operable to instruct the telephone network to one of approve and cancel the call; upon receipt of the user operation.

Claims 7-12 (Canceled)

Claim 13 (Currently Amended): A telephone system comprising a telephone network for managing a movement of a first telephone, and a second telephone for displaying a local time of a locality of the first telephone,

the telephone network including:

a location registration unit operable to record region information relating to the locality of the first telephone;

a reception unit operable to receive from the second telephone, specification information specifying the first telephone; and

a notifying unit operable to notify the region information to the second telephone, upon receipt of the specification information, and

the second telephone including:

an acquiring unit operable to acquire a telephone number of the first telephone;

a judging unit operable to judge whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

a storage unit operable to store the telephone number, identification information identifying a callee of the telephone number, and the region information notified from the

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telephone network in association with each other, based on a user operation, if judged in the affirmative;

a calculating unit operable to calculate the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is presented performed; and

a display unit operable to display the local time.

Claim 14 (Previously Presented): The telephone system of claim 13, wherein the reception unit receives the specification information from the second telephone as a callout request to the first telephone, and the telephone network further comprises:

a call unit operable to call the first telephone if a predetermined time period elapses without receiving an instruction from the second telephone after notifying the region information to the second telephone.

Claim 15 (Currently Amended): A method for having a telephone provided with a storage unit display a local time of a locality of a callee, comprising the steps of:

acquiring a telephone number of the callee and region information relating to the locality of the callee;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

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storing the telephone number, identification information identifying a callee of the telephone number, and the region information in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying the local time.

Claims 16-20 (Canceled).

Claim 21 (Previously Presented): A method for displaying a local time of a locality of a first telephone performed in a telephone system that includes a second telephone provided with a storage unit and a telephone network for managing a movement of the first telephone, comprising the steps of:

recording, in the telephone network, region information relating to the locality of the first telephone;

receiving, in the telephone network, specification information specifying the first telephone from the second telephone;

notifying, in the telephone network, the region information to the second telephone, upon receipt of the specification information;

acquiring, in the second telephone, a telephone number of the first telephone;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

storing, in the second telephone, the telephone number, identification information identifying a callee of the telephone number, and the region information notified from the telephone network in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating, in the second telephone, the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying, in the second telephone, the local time.

Claim 22 (Currently Amended): The method of claim 21, wherein the specification information is received from the second telephone as a callout request to the first telephone, and

the method comprises the further step of:

calling, in the telephone network, the first telephone if a predetermined time period elapses without receiving an instruction from the second telephone after notifying the region information to the second telephone.

Claim 23 (Currently Amended): A computer program for having a telephone provided with a storage unit display a local time of a locality of a callee, comprising the steps of:

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acquiring a telephone number of the callee and region information relating to [[a]] the locality of the callee;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

storing the telephone number, identification information identifying the callee of the telephone number, and the region information relating to the locality of the callee in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying the local time.

Claims 24-28 (Canceled).

Claim 29 (Previously Presented): A computer program that causes a telephone system to execute display processing for displaying a local time of a locality of a first telephone, the telephone system including a second telephone provided with a storage unit and a telephone network for managing a movement of the first telephone, the display processing comprising the steps of:

recording, in the telephone network, region information relating to the locality of the first telephone;

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receiving, in the telephone network, specification information specifying the first telephone from the second telephone;

notifying, in the telephone network, the region information to the second telephone, upon receipt of the specification information;

acquiring, in the second telephone, a telephone number of the first telephone;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

storing, in the second telephone, the telephone number, identification information identifying a callee of the telephone number, and the region information notified from the telephone network in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating, in the second telephone, the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying, in the second telephone, the local time.

Claim 30 (Previously Presented): The computer program of claim 29, wherein the specification information is received from the second telephone as a callout request to the first telephone, and

the display processing comprises the further step of:

calling, in the telephone network, the first telephone if predetermined time period elapses without receiving an instruction from the second telephone after notifying the region information to the second telephone.

Claim 31 (New): A computer-readable recording medium storing therein a computer program for having a telephone provided with a storage unit display a local time of a locality of a callee, comprising the steps of:

acquiring a telephone number of the callee and region information relating to the locality of the callee;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

storing the telephone number, identification information identifying the callee of the telephone number, and the region information relating to the locality of the callee in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying the local time.

Claim 32 (New): A computer readable recording medium storing therein a computer program that causes a telephone system to execute display processing for displaying a local time of a locality of a first telephone, the telephone system including a second telephone provided

with a storage unit and a telephone network for managing a movement of the first telephone, the display processing comprising the steps of:

recording, in the telephone network, region information relating to the locality of the first telephone;

receiving, in the telephone network, specification information specifying the first telephone from the second telephone;

notifying, in the telephone network, the region information to the second telephone, upon receipt of the specification information;

acquiring, in the second telephone, a telephone number of the first telephone;

judging whether the telephone number is a telephone number satisfying a predetermined condition that enables international roaming in a telephone network of a region in a different time zone;

storing, in the second telephone, the telephone number, identification information identifying the callee of the telephone number, and the region information notified from the telephone network in association with each other in the storage unit, based on a user operation, if judged in the affirmative;

calculating, in the second telephone, the local time of the locality shown by the stored region information, with reference to the storage unit, if a user operation selecting one of the telephone number and the identification information is performed; and

displaying, in the second telephone, the local time.

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Claim 33 (New): the recording medium of claim 32, wherein
the specification information is received from the second telephone as a callout request to
the first telephone, and
the display processing comprises the further step of:
calling, in the telephone network, the first telephone if a predetermined time period
elapses without receiving an instruction from the second telephone after notifying the region
information to the second telephone.